PTO/SB/08a (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10653039
Filing Date	2003-08-29
First Named Inventor	Bennett
Art Unit	2626
Examiner Name	Martin Lerner
Attorney Docket Number	PHO 99004CIP

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
ML	1	7082397		2006-07-25	Cohen et al.	
	2	7031925		2006-04-18	Goldberg	
	3	7020609		2006-03-28	Thrift et al.	
	4	7003463		2006-02-21	Maes et al.	
	5	6944586		2005-09-13	Harless et al.	
	6	6862713		2005-03-01	Kraft et al.	
	7	6856960		2005-02-15	Dragosh et al.	
ML	8	6665644		2003-12-16	Kanevsky et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	10653039
	Filing Date	2003-08-29
	First Named Inventor	Bennett
	Art Unit	2626
	Examiner Name	Martin Lerner
	Attorney Docket Number	PHO 99004CIP

MP	9	6601026		2003-07-29	Appelt et al.	
	10	6453290		2002-09-17	Jochumson	
	11	6446064		2002-09-03	Livowsky	
	12	6434524		2002-08-13	Weber	
	13	6393403		2002-05-21	Majaniemi	
	14	6327343		2001-12-04	Epstein et al.	
	15	6314402		2001-11-06	Monaco et al.	
	16	6175634		2001-01-16	Graumann	
	17	6173279		2001-01-09	Levin et al.	
	18	6105023		2000-08-15	Callan	
MP	19	6088692		2000-07-11	Driscoll	

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	Art Unit	2626
	Examiner Name	Martin Lerner
	Attorney Docket Number	PHO 99004CIP

	20	6078914		2000-06-20	Redfern	
	21	6061646		2000-05-09	Martino et al.	
	22	5905773		1999-05-18	Wong	
	23	5865626		1999-02-02	Beattie et al.	
	24	5802251		1998-09-01	Cohen et al.	
	25	5774841		1998-06-30	Salazar et al.	
	26	5758023		1998-05-26	Bordeaux	
	27	5730603		1998-03-24	Harless	
	28	5694592		1997-12-02	Driscoll	
	29	5625814		1997-04-29	Luciw	
	30	5524169		1996-06-04	Cohen et al.	

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	Examiner Name	Martin Lerner
	Attorney Docket Number	PHO 99004CIP

ME	31	5454106		1995-09-26	Burns et al.		
ME	32	5278980		1994-01-11	Pedersen et al.		

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
ME	1	20010013001		2001-08-09	Brown et al.	

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Art Unit	2626
Examiner Name	Martin Lerner
Attorney Docket Number	PHO 99004CIP

EXAMINER SIGNATURE			
Examiner Signature	Martin Lerner	Date Considered	2/27/2007

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[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
ML	1	7058573		2006-06-06	Murveit et al.	

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	First Named Inventor	Bennett
	Art Unit	2626
	Examiner Name	Martin Lerner
	Attorney Docket Number	PHO 99004CIP

ML	1	COFFMAN, Daniel et al., Provisional Application for Patent, Application Number 60/117,595, filed January 27, 1999, 111 pages.	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	Martin Lerner	Date Considered	2/27/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10653039
Filing Date	2003-08-29
First Named Inventor	Bennett
Art Unit	2654
Examiner Name	Martin Lerner
Attorney Docket Number	PHO 99004CIP

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
ML	1	5765130		1998-06-09	Nguyen	
	2	5794193		1998-08-11	Gorin	
	3	5956675		1999-09-21	Setlur et al.	
	4	6018736		2000-01-25	Gilai et al.	
	5	6021384		2000-02-01	Gorin et al	
	6	6122613		2000-09-19	Baker	
	7	6173261		2001-01-09	Arai et al.	
ML	8	6269153		2001-07-31	Carpenter et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	First Named Inventor	Bennett
	Art Unit	2654
	Examiner Name	Martin Lerner
	Attorney Docket Number	PHO 99004CIP

mp	9	6519562		2003-02-11	Phillips et al.	
mp	10	6651043		2003-11-18	Ammicht	
mp	11	6842767		2005-01-11	Partovi et al.	

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
mp	1	BUO, Finn Dag et al., "Learning to parse spontaneous speech." Believed to be published In ICSLP, 1996, 4 pages.	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	10653039
	Filing Date	2003-08-29
	First Named Inventor	Bennett
	Art Unit	2654
	Examiner Name	Martin Lerner
	Attorney Docket Number	PHO 99004CIP

ML	2	GOLDEN, J. et al., "Automatic Topic Identification for Two-level Call Routing," Proc. International Conference on Acoustics, Speech and Signal Processing, volume 1, pp. 509-512, 1999.	☐
	3	CARBONELL, J. et al., "Dynamic strategy selection in flexible parsing.) In Proceedings of the 19th annual meeting of the ACL (ACL 81), 1981, pp. 143-147.	☐
	4	SENEFF, S. et al., "Galaxy-II: a Reference Architecture for Conversational System Development," Believed to be published in Proceedings of ICSLP98 (1998), 4 pages.	☐
	5	MICROSOFT INTERNET DEVELOPER, "Add Natural Language Search Capabilities to Your Site with English Query," http://www.microsoft.com/mind/0498/equery.asp, 1998, 9 pages.	☐
	6	CARROLL, J. et al., "Dialogue Management in Vector-Based Call Routing," Believed to be published In Proceedings of the Annual Meeting of the Association for Computational Linguistics, 1998, pp. 256-262.	☐
ML	7	KAISER, Ed., "Robust, Finite-state Parsing for Spoken Language", Student Session of ACL '99, June 1999, pp. 573-578.	☐

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EXAMINER SIGNATURE

Examiner Signature	Martin Lerner	Date Considered	2/27/2007

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Query engine for processing voice based queries including semantic decoding

Application Number : 10/653039

Confirmation Number: 1543

First Named Applicant: Ian Bennett

Attorney Docket Number: PHO 99004CIP

Art Unit: 2654

Examiner: Martin Lerner

Search string: (6965890 or 6965864 or 6964012 or 6961954 or 6941273 or 6940953 or 6922733 or 6584464 or 6182068 or 6785654 or 6785647 or 6742021 or 6738743 or 6665640 or 6633846 or 6615172 or 6216013).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6965890	2005-11-15	Dey et al.			
	2	6965864	2005-11-15	Thrift et al.			
	3	6964012	2005-11-08	Zirngibl et al.			
	4	6961954	2005-11-01	Maybury et al.			
	5	6941273	2005-09-06	Loghmani et al.			
	6	6940953	2005-09-06	Eberle et al.			
	7	6922733	2005-07-26	Kuiken et al.			
	8	6584464	2003-06-24	Warthen			
	9	6182068	2001-01-30	Culliss			
	10	6785654	2004-08-31	Cyr et al			
	11	6785647	2004-08-31	Hutchinson			
	12	6742021	2004-05-25	Halverson et al.			
	13	6738743	2004-05-18	Sharma et al.			
	14	6665640	2003-12-16	Bennett et al.			
	15	6633846	2003-10-14	Bennett et al.			
	16	6615172	2003-09-02	Bennett et al.			
	17	6216013	2001-04-10	Moore et al.			

Signature

Examiner Name	Date
Martin Lerner	27 FEBRUARY 2007

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PATENT & TRADEMARK OFFICE

Information Disclosure Statement By Applicant

Substitute for form 1449/PTO

Application Number: **10/653,039**
Filing Date: **08/29/2003**
First Named Inventor: **Bennett**
Art Unit: **2654**
Examiner Name: **Richemond Dorvil**
Attorney Docket Number: **PHO 99004CIP**

+

Examiner Initials	Other Publications
mp	COX, Richard V. et al., "Speech and Language Processing for Next-Millennium Communications Services," Proceedings of the IEEE, Vol. 88, No. 8, August 2000, pp. 1314-1337.
mp	KUHN, Roland, and Renato De Mori, "The Application of Semantic Classification Trees to Natural Language Understanding," IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, VOL. 17, NO. 5, MAY 1995, pp. 449-460.
mp	Unisys Corp., "Natural Language Speech Assistant (NLSA) Capabilities Overview," NLR 3.0, August 1998, Malvern, PA, 27 pages.

Examiner Signature: Martine Lernel **Date Considered:** 27 FEBRUARY 2007

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Query engine for processing voice based queries including semantic decoding

Application Number : 10/653039

Confirmation Number: 1543

First Named Applicant: Ian Bennett

Attorney Docket Number: PHO 99004CIP

Art Unit: 2654

Examiner: Richemond Dorvil

Search string: (5509104 or 5652897 or 5675707 or 5860063 or 5987410 or 5995918 or 6044337 or 6192110 or 6195636 or 6226610 or 6246986 or 6374226 or 6418199 or 6434529 or 6499011 or 6499013 or 6510411 or 6513037 or 6532444 or 6594348 or 6681206 or 6823308 or 6871179 or 20020032566 or 20030191625 or 20050091056 or 20050131704).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5509104	1996-04-16	Lee et al.			
	2	5652897	1997-07-29	Linebarger et al.			
	3	5675707	1997-10-07	Gorin et al.			
	4	5860063	1999-01-12	Gorin et al.			
	5	5987410	1999-11-16	Kellner et al.			
	6	5995918	1999-11-30	Kendall et al.			
	7	6044337	2000-03-28	Gorin et al.			
	8	6192110	2001-02-20	Abella et al.			
	9	6195636	2001-02-27	Crupi et al.			
	10	6226610	2001-05-01	Keiller et al.			
	11	6246986	2001-06-12	Ammicht et al.			
	12	6374226	2002-04-16	Hunt et al.			
	13	6418199	2002-07-09	Perrone			
	14	6434529	2002-08-13	Walker et al.			
	15	6499011	2002-12-24	Souvignier et al.			
	16	6499013	2002-12-24	Weber			
	17	6510411	2003-01-21	Norton et al.			
	18	6513037	2003-01-28	Ruber et al.			
	19	6532444	2003-03-11	Weber			
	20	6594348	2003-07-15	Bjurstrom et al.			

MP	21	6681206	2004-01-20	Gorin et al.			
MP	22	6823308	2004-11-23	Keiller et al.			
MP	23	6871179	2005-03-22	Kist et al.			

US Published Applications

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
MP	1	20020032566	2002-03-14	Tzirkel-Hancock et al.			
MP	2	20030191625	2003-10-09	Gorin et al.			
MP	3	20050091056	2005-04-28	Surace et al.			
MP	4	20050131704	2005-06-16	Dragosh et al.			

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Examiner Name	Date
Martin Lerner	27 FEBRUARY 2007

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Information Disclosure Statement By Applicant

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Page 1 of 1
Application Number: **10/653,039**
Filing Date: **08/29/2003**
First Named Inventor: **Bennett**
Art Unit: **2655**
Examiner Name: **Doris Ha To**
Attorney Docket Number: **PHO 99004CIP**

Examiner Initials	Other Publications
mp	European Patent Office search report for EP Application Number 00977144, dated March 30, 2005, 5 pages.
	BURSTEIN, A. et al. "Using Speech Recognition In A Personal Communications System," *Proceedings of the International Conference on Communications*, Chicago, Illinois, June 14-18, 1992, pages 1717-1721.
	DIGALAKIS, V. et al., "Quantization Of Cepstral Parameters For Speech Recognition Over The World Wide Web," *IEEE Journal on Selected Areas of Communications*, 1999, pages 82-90.
mp	KUHN, T. et al., "Hybrid In-Car Speech Recognition For Mobile Multimedia Applications," *Vehicular Technology Conference*, Houston, Texas, May 1999, pages 2009-2013.

Examiner Signature: Mattef Perrel **Date Considered:** 27 FEBRUARY 2007

Information Disclosure Statement By Applicant

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OIPE JC88 FEB 14 2005 PATENT & TRADEMARK OFFICE

Application Number: **10/653,039**
Filing Date: **08/29/2003**
First Named Inventor: **Bennett**
Art Unit: **2655**
Examiner Name: **Doris Ha To**
Attorney Docket Number: **PHO 99004CIP**

Examiner Initials	Other Publications
MP	AGARWAL, R., "Towards a PURE Spoken Dialogue System for Information Access, " believed to be published in Proceedings of the ACL/EACL Workshop on Interactive Spoken Dialog Systems: Bringing Speech and NLP Together in Real Applications, Madrid, Spain, 1997, 9 pages.
	AMMICHT, Egbert et al., "Knowledge Collection for Natural Language Spoken Dialog Systems," believed to be published in Proc. Eurospeech, Volume 3, Page 1375-1378, Budapest, Hungary, Sep. 1999, 4 pages.
	AT&T Corp., "Network Watson 1.0 System Overview," 1998, 4 pages.
	AT&T Corp., "AT&T WATSON Advanced Speech Applications Platform," 1996, 3 pages.
	AT&T Corp., "AT&T WATSON Advanced Speech Applications Platform Version 2.0," 1996, 3 pages.
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	GORIN, Allen, "Processing of Semantic Information in Fluently Spoken Language," believed to be published in Proc. ICSLP, Philadelphia, PA, Oct. 1996, 4 pages.
	GORIN, Allen et al., "How May I Help You," believed to be published in Proc. IVTTA, Basking Ridge, NJ, Oct. 1996, 32 pages.
	MOHRI, Mehryar, "String Matching With Automata," Nordic Journal of Computing, 1997, 15 pages.
	Prudential News, "Prudential Pilots Revolutionary New Speech-Based Telephone Customer Service System Developed by AT&T Labs - Company Business and Marketing," December 6, 1999, 3 pages.
	RICCARDI, Giuseppe et al., "A spoken language system for automated call routing," believed to be published in Proc. ICASSP '97, 1997, 4 pages.
MP	SHARP, Douglas, et al., "The Watson Speech Recognition Engine," accepted by ICASSP, 1997, 9 pages.

Examiner Signature: Martin Pernel

Date Considered: 27 FEBRUARY 2007

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Query engine for processing voice based queries including semantic decoding

Application Number : 10/653039

Confirmation Number: 1543

First Named Applicant: Ian Bennett

Attorney Docket Number: PHO 99004CIP

Art Unit: 2655

Examiner: Doris Ha To

Search string: (6697780 or 6614885 or 6594269 or 6574597 or 6567778 or 6522725 or 6453020 or 6292781 or 6292767 or 6278973 or 6246989 or 6243679 or 6178404 or 6125341 or 6125284 or 6044266 or 6032111 or 5978756 or 5680511 or 5668854 or 5553119 or 5371901 or 6341306 or 6519631).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6697780	2004-02-24	Beutnagel et al.			
	2	6614885	2003-09-02	Polcyn			
	3	6594269	2003-07-15	Polcyn			
	4	6574597	2003-06-03	Mohri et al.			
	5	6567778	2003-05-20	Chao Chang et al.			
	6	6522725	2003-02-18	Kato			
	7	6453020	2002-09-17	Hughes et al.			
	8	6292781	2001-09-18	Urs et al.			
	9	6292767	2001-09-18	Jackson et al.			
	10	6278973	2001-08-21	Chung et al.			
	11	6246989	2001-06-12	Polcyn			
	12	6243679	2001-06-05	Mohri et al.			
	13	6178404	2001-01-23	Hambleton et al.			
	14	6125341	2000-09-26	Raud et al.			
	15	6125284	2000-09-26	Moore et al.			
	16	6044266	2000-03-28	Kato			
	17	6032111	2000-02-29	Mohri			
	18	5978756	1999-11-02	Walker et al.			
	19	5680511	1997-10-21	Baker et al.			
	20	5668854	1997-09-16	Minakami et al.			

	21	5553119	1996-09-03	McAllister et al.			
	22	5371901	1994-12-06	Reed et al.			
	23	6341306	2002-01-22	Rosenschein et al.			
	24	6519631	2003-02-11	Rosenschein et al.			

Signature

Examiner Name	Date
Matthew Reed	27 FEBRUARY 2007

Information Disclosure Statement By Applicant

Substitute for form 1449/PTO

OIPE JC24 MAR 01 2004 PATENT & TRADEMARK OFFICE

Application Number: **10/653,039**
Filing Date: **08/29/2003**
First Named Inventor: **Bennett**
Art Unit: **2641**
Examiner Name: **N/A**
Attorney Docket Number: **PHO 99004CIP**

Examiner Initials	Patent Number	Publication Date	Inventor Name
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Examiner Signature: Martel Lerner

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Information Disclosure Statement By Applicant

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Application Number: **10/653,039**
Filing Date: **08/29/2003**
First Named Inventor: **Bennett**
Art Unit: **2641**
Examiner Name: **N/A**
Attorney Docket Number: **PHO 99004CIP**

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Examiner Initials	Other Publications
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Examiner Signature: Matthew Sked **Date Considered:** 02/27/2007

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First Named Inventor: **Bennett**
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Sheet 1 of 3

Complete if Known	
Application Number	10/653,039
Filing Date	08/29/2003
First Named Inventor	Bennett
Art Unit	2641
Examiner Name	N/A
Attorney Docket Number	PHO 99004CIP

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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Examiner Signature	Mostafa Lemel	Date Considered	02/27/2007

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Sheet 2 of 3

Complete if Known	
Application Number	10/653,039
Filing Date	08/29/2003
First Named Inventor	Bennett
Art Unit	2641
Examiner Name	N/A
Attorney Docket Number	PHO 99004CIP

NON PATENT LITERATURE DOCUMENTS

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Sheet 3 of 3

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